

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Burgener, et al.

App. No.

10/658,154

Filed

September 8, 2003

For

LOW NOISE CHARGE PUMP

METHOD AND APPARATUS

Group Art:

2838

Examiner:

Unknown

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On: February 10, 2004

Barbara S. Kelly

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Washington, DC 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (X) No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, in accordance with 37 CFR §1.97(b).
- (XX) Copies of each of the references listed on the attached modified Form PTO-1449 are enclosed herewith. All of the listed references are in the English language.

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W.M.

Signature William C. Boling Registration No. 41,625

Respectfully submitted,

Date: February 10, 2004

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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ATTY. DOCKET NO.	
PER-005-PAF)

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GROUP 2838

	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	. NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
-	1	5,465,061	11/7/95	Dufour	327	112		
	2	6,411,531	6/25/02	Nork, et al.	363	60		
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	Maxim Integrated Products, "Charge Pumps Shine in Portable Designs", published March 15, 2001, pages 1-13.					
	Texas Instruments, "TPS60204, TPS60205, Regulated 3.3-V, 100-mA Low-Ripple Charge Pump, Low Power DC/DC Converters", published February, 2001, Revised September 2001, pages 1 -18.					
	Sam Nork, "New Charge Pumps Offer Low Input and Output Noise" Linear Technology Corporation, Design Notes, Design Note 243, published November 2000, pages 1-2					
	Linear Technology, "LTC1550l/LTC1551L: Low Noise Charge Pump Inverters in MS8 Shrink Cell Phone Designs", published December 1998, pages 1-2					
	Lance Lascari, "Accurate Phase Noise Prediction in PLL Synthesizers", Applied Microwave & Wireless, pages 90-96, published May 2000.					

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EXAMINER

DATE CONSIDERED

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